

**The following sites are not present in pUC57-Amp sequence:**

AanI, AarI, AbsI, AccIII, Acc36I, AccB7I, AcvI, Adel, Afel, AfilI, Agel, AhII, Ajil, Ajul, AleI, Aloi, Aor13HI, Aor51HI, Ascl, AsiGI, AsiSI, Aspl, AspA2I, AsuII, AsuNHI, AvriI, AxyI, Bael, Ball, BanIII, Bari, BbrPI, BbsI, BbvCI, BclI, Bcul, BfrI, BfuAI, BglII, BlnI, BlpI, BmgBI, BmtI, BoxI, Bpil, BpII, Bpu10I, Bpu14I, Bpu1102I, BpuAI, Bsa29I, BsaAI, BsaBI, Bse8I, Bse21I, BseAI, BseCI, BseJI, BsePI, BseRI, BseX3I, BsgI, BshVI, BshTI, BsiWI, BsiFI, BsmFI, Bsp13I, Bsp19I, Bsp119I, Bsp1407I, Bsp1720I, BspDI, BspEI, BspMI, BspOI, BspTI, BspT104I, BspXI, BsrGI, BssHII, BssNAI, BssT1I, Bst98I, Bst1107I, BstAFI, BstAUI, BstBI, BstBAI, BstDSI, BstEII, BstENI, BstHPI, BstPI, BstPAI, BstSNI, BstV2I, BstXI, BstZI, BstZ17I, Bsu15I, Bsu36I, BsuTUI, BtgI, BtgZI, BtrI, Bvel, CciNI, CellI, Cfr42I, Clal, Cpol, Csil, CspI, Csp45I, CspAI, CspCI, DrallI, EagI, EclXI, Eco47III, Eco52I, Eco72I, Eco81I, Eco91I, Eco105I, Eco130I, EcoNI, EcoO65I, EcoT14I, ErhI, Fall, FaqI, Fbal, Fsel, FspAI, HpaI, I-CeuI, I-PpoI, I-Scel, KfiI, Kpn2I, KspI, Ksp22I, KspAI, Mabl, Mami, MauBI, MfeI, MlsI, MluI, MluNI, Mrel, MroI, MroNI, MscI, Msp20I, MspCI, MssI, MunI, NaeI, NcoI, NgoMIV, NheI, NotI, NspV, OliI, PacI, PaeR7I, PalAI, Pasi, Paul, PdiI, Pfi23II, PfiFI, PfiMI, Pl-PspI, Pl-Scel, PinAI, PrmaCI, Pmel, PmlI, Ppu21I, PpuMI, PshAI, Psil, Psp5II, PspCI, PspEI, PspLI, PspPPI, PspXI, PsrI, Psyl, Ptel, Rgal, RigI, RsrII, Rsr2I, SacII, SanDI, SbfI, Sdal, SexAI, SfaAI, SfiI, Sfr274I, Sfr303I, SfuI, Sgfi, SgrAI, SgrBI, SgrDI, Sgsl, Slal, Smil, SnaBI, SpeI, SrfI, Sse8387I, SspBI, SstII, Styl, Swal, TliI, TstI, Tth111I, Van91I, Vha464I, XagI, XcmI, XhoI, XmaJI

**Shown are unique restriction sites:**

